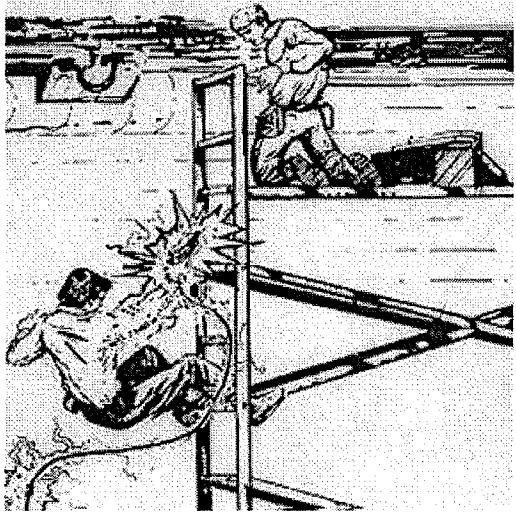


# ACCIDENT REPORT FATAL FACTS

## ACCIDENT SUMMARY No. 57

Accident Type:	Electrocution	
Weather Conditions:	Clear/Hot/Humid	
Type of Operation:	Window Shutter Installers	
Size of Work Crew:	2	
Collective Bargaining:	N/A	
Competent Safety Monitor on Site:	No	
Safety and Health Program in Effect:	Partial	
Was the Worksite Inspected Regularly:	No	
Training and Education Provided:	Some	
Employee Job Title:	Helper	
Age & Sex:	17-Male	
Experience at this Type of Work:	One Month	
Time on Project:	One Month	

### BRIEF DESCRIPTION OF ACCIDENT

One employee was climbing a metal ladder to hand an electric drill to the journeyman installer on a scaffold about five feet above him. When the victim reached the third rung from the bottom of the ladder he received an electric shock that killed him.

The investigation revealed that the extension cord had a missing grounding prong and that a conductor on the green grounding wire was making intermittent contact with the energizing black wire thereby energizing the entire length of the grounding wire and the drill's frame. The drill was not double insulated.

### INSPECTION RESULTS

As a result of its investigation, OSHA issued citations for violations of construction standards.

### ACCIDENT PREVENTION RECOMMENDATIONS

1. Use approved ground fault circuit interrupters or an assured equipment grounding conductor program to protect employees on construction sites [29 CFR 1926.404(b)(1)].
2. Use equipment that provides a permanent and continuous path from circuits, equipment, structures, conduit or enclosures to ground [29 CFR 1926.404(d)(6)].
3. Inspect electrical tools and equipment daily and remove damaged or defective equipment from use until it is repaired [29 CFR 1926.404(b)(iii)(c)].

### SOURCES OF HELP

- OSHA General Industry Standards [CFR parts 1900-1910] and OSHA Construction Standards [CFR Part 1926] which together include all OSHA job safety and health rules and regulations covering construction.
- OSHA-funded free consultation services listed in telephone directories under U.S. Labor Department or under the state government section where states administer their own

OSHA programs.

- OSHA Safety and Health Training Guidelines for Construction (Available from the National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161; 703/487-4650; Order No. PB-239-312/AS): a set of 15 guidelines to help construction employers establish a training program in the safe use of equipment, tools, and machinery on the job.
- Courses in construction safety are offered by the OSHA Training Institute, 1555 Times Drive, Des Plaines, IL 60018, 708/297-4810.

**NOTE:** The case here described was selected as being representative of fatalities caused by improper work practices. No special emphasis or priority is implied nor is the case necessarily a recent occurrence. The legal aspects of the incident have been resolved, and the case is now closed.